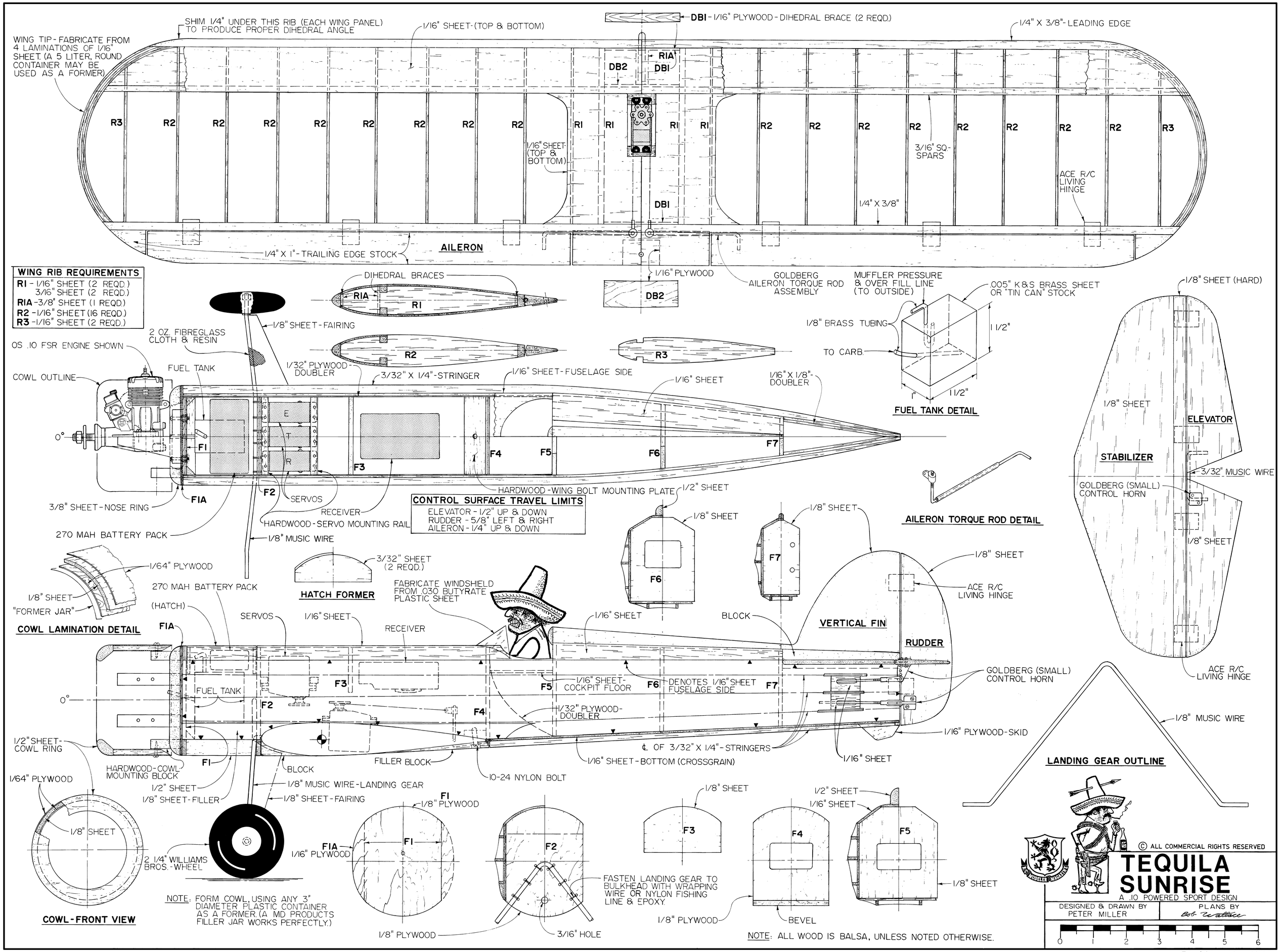
SHIM 1/4" UNDER THIS RIB (EACH WING PANEL) TO PRODUCE PROPER DIHEDRAL ANGLE
1/16" SHEET-(TOP & BOTTOM)
DBI - 1/16" PLYWOOD - DIHEDRAL BRACE (2 REQD.)
1/4" X 3/8"- LEADING EDGE
WING TIP - FABRICATE FROM 4 LAMINATIONS OF 1/16" SHEET. (A 5 LITER, ROUND CONTAINER MAY BE USED AS A FORMER)
R3 R2 R2 R2 R2 R2 R2 R2 R2 R1 R1 R1 R1 R2 R2 R2 R2 R2 R2 R2 R2 R3
RIA
DBI
DB2
1/16" SHEET-(TOP & BOTTOM)
3/16" SQ.-SPARS
ACE R/C LIVING HINGE
1/4" X 3/8"
1/4" X 1"- TRAILING EDGE STOCK
AILERON
1/16" PLYWOOD
GOLDBERG AILERON TORQUE ROD ASSEMBLY
WING RIB REQUIREMENTS
R1 - 1/16" SHEET (2 REQD.)
3/16" SHEET (2 REQD.)
RIA - 3/8" SHEET (1 REQD.)
R2 - 1/16" SHEET (16 REQD.)
R3 - 1/16" SHEET (2 REQD.)
DIHEDRAL BRACES
RIA
R1
DB2
R2
R3
MUFFLER PRESSURE & OVER FILL LINE (TO OUTSIDE)
.005" K&S BRASS SHEET OR "TIN CAN" STOCK
1/8" BRASS TUBING
TO CARB.
1 1/2"
1"
1 1/2"
FUEL TANK DETAIL
1/8" SHEET (HARD)
1/8" SHEET
ELEVATOR
STABILIZER
3/32" MUSIC WIRE
GOLDBERG (SMALL) CONTROL HORN
1/8" SHEET
ACE R/C LIVING HINGE
1/8" SHEET-FAIRING
2 OZ. FIBREGLASS CLOTH & RESIN
OS .10 FSR ENGINE SHOWN
COWL OUTLINE
FUEL TANK
1/32" PLYWOOD-DOUBLER
3/32" X 1/4"-STRINGER
1/16" SHEET-FUSELAGE SIDE
1/16" SHEET
1/16" X 1/8"-DOUBLER
0°
F1
F2
F3
F4
F5
F6
F7
E T R
F1A
3/8" SHEET-NOSE RING
SERVOS
RECEIVER
HARDWOOD-SERVO MOUNTING RAIL
270 MAH BATTERY PACK
1/8" MUSIC WIRE
HARDWOOD-WING BOLT MOUNTING PLATE
1/2" SHEET
CONTROL SURFACE TRAVEL LIMITS
ELEVATOR - 1/2" UP & DOWN
RUDDER - 5/8" LEFT & RIGHT
AILERON - 1/4" UP & DOWN
AILERON TORQUE ROD DETAIL
1/8" SHEET
1/64" PLYWOOD
1/8" SHEET
"FORMER JAR"
COWL LAMINATION DETAIL
3/32" SHEET (2 REQD.)
HATCH FORMER
270 MAH BATTERY PACK
(HATCH)
SERVOS
1/16" SHEET
RECEIVER
FABRICATE WINDSHIELD FROM .030 BUTYRATE PLASTIC SHEET
1/16" SHEET
BLOCK
VERTICAL FIN
RUDDER
ACE R/C LIVING HINGE
GOLDBERG (SMALL) CONTROL HORN
FUEL TANK
1/16" SHEET-COCKPIT FLOOR
DENOTES 1/16" SHEET FUSELAGE SIDE
1/32" PLYWOOD-DOUBLER
1/16" PLYWOOD-SKID
1/2" SHEET-COWL RING
HARDWOOD-COWL MOUNTING BLOCK
BLOCK
FILLER BLOCK
℄ OF 3/32" X 1/4"-STRINGERS
1/16" SHEET-BOTTOM (CROSSGRAIN)
1/16" SHEET
10-24 NYLON BOLT
1/8" MUSIC WIRE
LANDING GEAR OUTLINE
1/64" PLYWOOD
1/2" SHEET
1/8" SHEET-FILLER
1/8" MUSIC WIRE-LANDING GEAR
1/8" SHEET-FAIRING
1/8" SHEET
2 1/4" WILLIAMS BROS.-WHEEL
COWL-FRONT VIEW
NOTE: FORM COWL, USING ANY 3" DIAMETER PLASTIC CONTAINER AS A FORMER. (A MD PRODUCTS FILLER JAR WORKS PERFECTLY.)
F1
1/8" PLYWOOD
F1A
1/16" PLYWOOD
1/8" PLYWOOD
F2
3/16" HOLE
FASTEN LANDING GEAR TO BULKHEAD WITH WRAPPING WIRE OR NYLON FISHING LINE & EPOXY.
1/8" SHEET
F3
1/2" SHEET
1/16" SHEET
F4
F5
1/8" SHEET
1/8" PLYWOOD
BEVEL
NOTE: ALL WOOD IS BALSA, UNLESS NOTED OTHERWISE.
© ALL COMMERCIAL RIGHTS RESERVED
TEQUILA SUNRISE
A .10 POWERED SPORT DESIGN
DESIGNED & DRAWN BY PETER MILLER
PLANS BY Bob Wallace
0 1 2 3 4 5 6
PLAN NO. 1138